

KENTUCKY PUBLIC SERVICE COMMISSION

WATER UTILITY INSPECTION PROCEDURES OUTLINE

807 KAR 5:006, Section 25, Inspection of systems

(1) Each utility shall adopt inspection procedures to assure safe and adequate operation of its facilities and compliance with commission rules and administrative regulations. These procedures shall be filed with the commission for review.

(2) Upon receipt of a report of a potentially hazardous condition at any utility facility made by a qualified employee, public official, or customer, the utility shall inspect all portions of the system which are the subject of the report.

(3) Appropriate records shall be kept by each utility to identify the inspection made, deficiencies found and action taken to correct the deficiencies.

(6) Water utility inspections

Each water utility shall make systematic inspections of its system in the manner set out below to insure that the commission's safety requirements are being met. These inspections shall be made as often as necessary but not less frequently than is set forth below for various classes of facilities and types of inspection.

(a) The utility shall annually inspect all structures pertaining to source of supply for their safety and physical and structural integrity, including dams, intakes, and traveling screens. The utility shall semi-annually inspect supply wells, their motors and structures, including electric power wiring and controls for proper and safe operation.

(b) The utility shall annually inspect all structures pertaining to purification for their safety, physical and structural integrity and for leaks, including sedimentation basins, filters, and clear wells; chemical feed equipment; pumping equipment and water storage facilities, including electric power wiring and controls; hydrants, mains, and valves.

(c) The utility shall monthly inspect construction equipment and vehicles for defects, wear, operational hazards, lubrication, and safety features.

Note: *This document serves as a guideline to assist water utilities customize their inspection procedures to their water system.*

Infrastructure**Inspection Frequency****Source of supply**

Dams	Annually
Intakes	Annually
Traveling Screens	Annually
Wells	Semi-Annually
Well Motors	Semi-Annually
Well Structures	Semi-Annually
Well Electric Power Wiring and Controls	Semi-Annually

Treatment/Purification (safety, physical, structural integrity, and leaks)

Sedimentation Basins	Annually
Filters	Annually
Clearwells	Annually
Chemical Feed Equipment	Annually
Buildings	Annually

Storage and Distribution

Pumping Equipment	Annually
Motors	Annually
Electrical power wiring and controls	Annually
Tanks	
Standpipes	Annually
Elevated Tanks	Annually
Reservoirs	Annually
Hydrants	Annually
Mains	Annually
Valves	Annually
Meters (Master Meters)	Annually
Construction Equipment	Monthly
Vehicles	Monthly